

REMARKS

Claims 1-8, 12, 13, 15-20, 23, 24, 26, 32, and 33 have been amended. Claims 1-39 are pending in the application. Reconsideration is respectfully requested in light of the following remarks.

Objections to the Drawings:

Section 1 of the Office Action objected to Figures 2 and 9 for including reference characters not mentioned in the description, and to Figure 1 for including a reference label inconsistent with the corresponding reference label in the description. Accordingly, Figures 1, 2, and 9 have been amended, and copies of the amended drawings are attached hereto.

Objections to the Specification:

Section 2 of the Office Action objected to the specification due to a number of typographical errors. Accordingly the specification has been amended to correct the cited typographical errors.

Claim Objections:

Section 3 of the Office Action objected to claims 1, 8, 15, 16, and 23 because they included the term “capable of”. Accordingly these claims have been amended to eliminate this term.

Double Patenting:

Section 4 of the Office Action provisionally rejected claims 15-17, 19, 21, and 22 under the judicially created doctrine of obviousness-type double patenting. Applicants have submitted herewith a Terminal Disclaimer to overcome this rejection.

Section 112, First Paragraph Rejection:

Section 5 of the Office action rejected claims 2, 10, 16, 28 and 36 under 35 U.S.C. § 112, first paragraph as failing to comply with the enablement requirement.

The specification has been amended to further define the term “paranoid check”. Applicants submit that this rejection has now been overcome.

Section 112, Second Paragraph Rejection:

Section 6 of the Office action rejected claims 2, 10, 16, 28 and 36 under 35 U.S.C. § 112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which the applicant regards as the invention.

The specification has been amended to further define the term “paranoid check”. Applicants submit that this rejection has now been overcome.

Sections 7-10 of the Office action reject claims 5, 7, 19, and 32 respectively, under 35 U.S.C. § 112, second paragraph for including terms lacking proper antecedent basis. Accordingly, these claims have been amended to overcome the rejection.

Section 102 and 103 Rejections:

Sections 11-19 of the Office Action rejected the claims under 35 U.S.C. § 102 and/or § 103 as being anticipated by, or obvious in light of, various combinations of Motika et al., U.S. Patent Number 5,982,189, (hereinafter “Motika”), Zuraski et al., U.S. Patent Number 6,560,740, (hereinafter “Zuraski”), Au et al., U.S. Patent Number 6,681,359, (hereinafter “Au”), Kraus et al., U.S. Patent Number 6,587,979, (hereinafter “Kraus”), Kim et al., U.S. Patent Number 6,148,426, (hereinafter “Kim”), Lo et al., U.S.

Patent Number 5,661,732, (hereinafter “Lo”), and Wong et al., U.S. Patent Number 6,636,997, (hereinafter “Wong”).

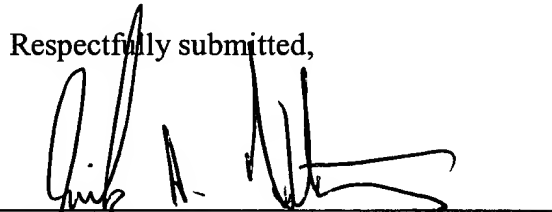
Independent claims 1, 9, 15, 24, and 33 have been amended to include the feature of the built-in self-test signature comprising memory built-in self-test engine states. Motika, Zuraski, Au, Kraus, Kim, Lo, and Wong all appear to be completely silent on the inclusion of MBIST engine states in the MBIST signature, as presented in these claims. Since none of the cited art, taken either singly or in combination either teaches or suggests this feature of the independent claims, the Applicant believes these claims, along with all claims depending from them, to patentably distinguish over the cited art.

CONCLUSION

Applicants submit the application is in condition for allowance, and an early notice to that effect is requested.

If any fees are due, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert, & Goetzel, P.C. Deposit Account No. 501505/5681/55300.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Erik A. Heter', is written over a horizontal line.

Erik A. Heter

Reg. No. 50,652

AGENT FOR APPLICANT(S)

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